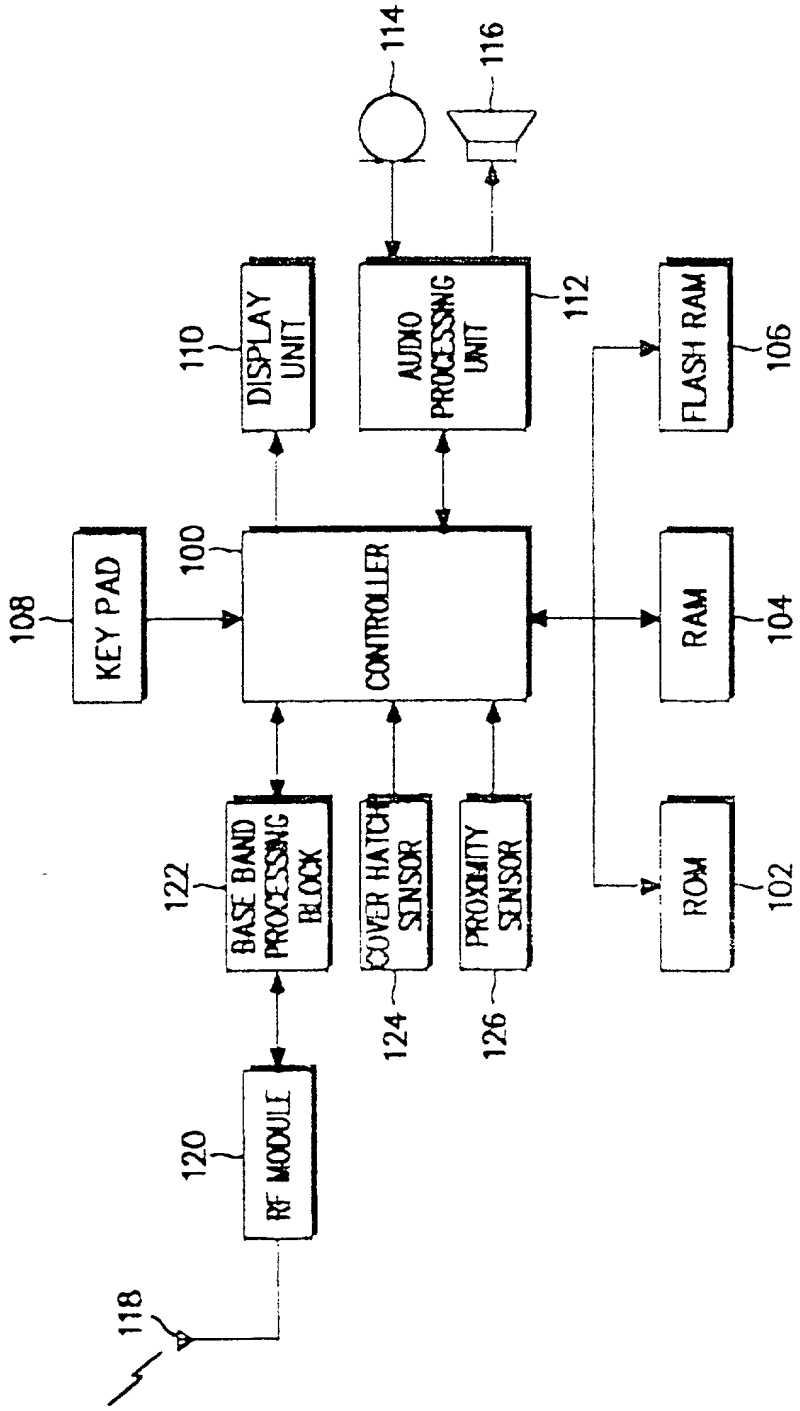
114
116
110
DISPLAY UNIT
AUDIO PROCESSING UNIT
112
FLASH RAM
106
108
KEY PAD
100
CONTROLLER
RAM
104
122
BASE BAND PROCESSING BLOCK
COVER HATCH SENSOR
PROXIMITY SENSOR
ROM
102
124
126
120
RF MODULE
118

FIG. 1

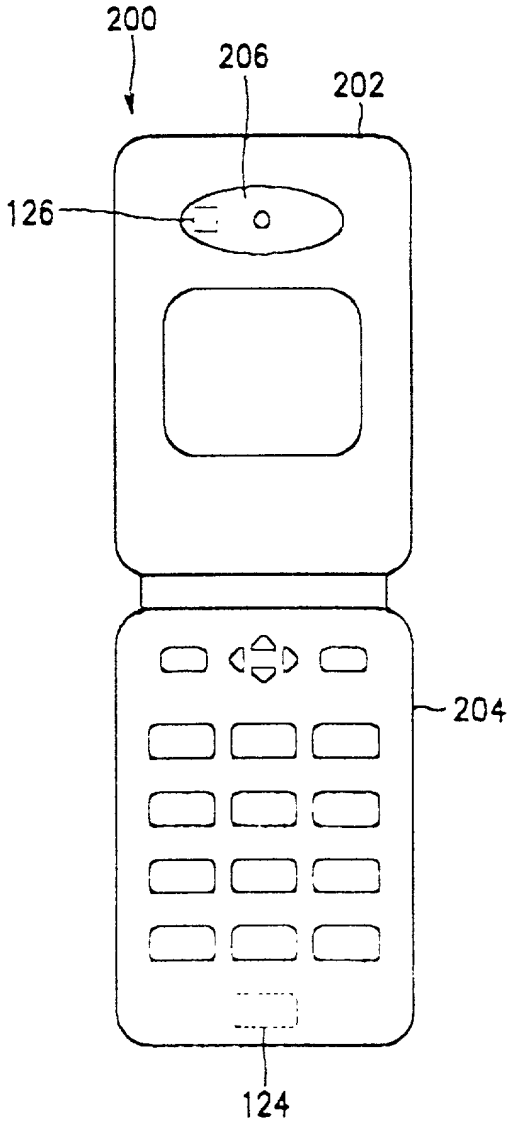

FIG. 2

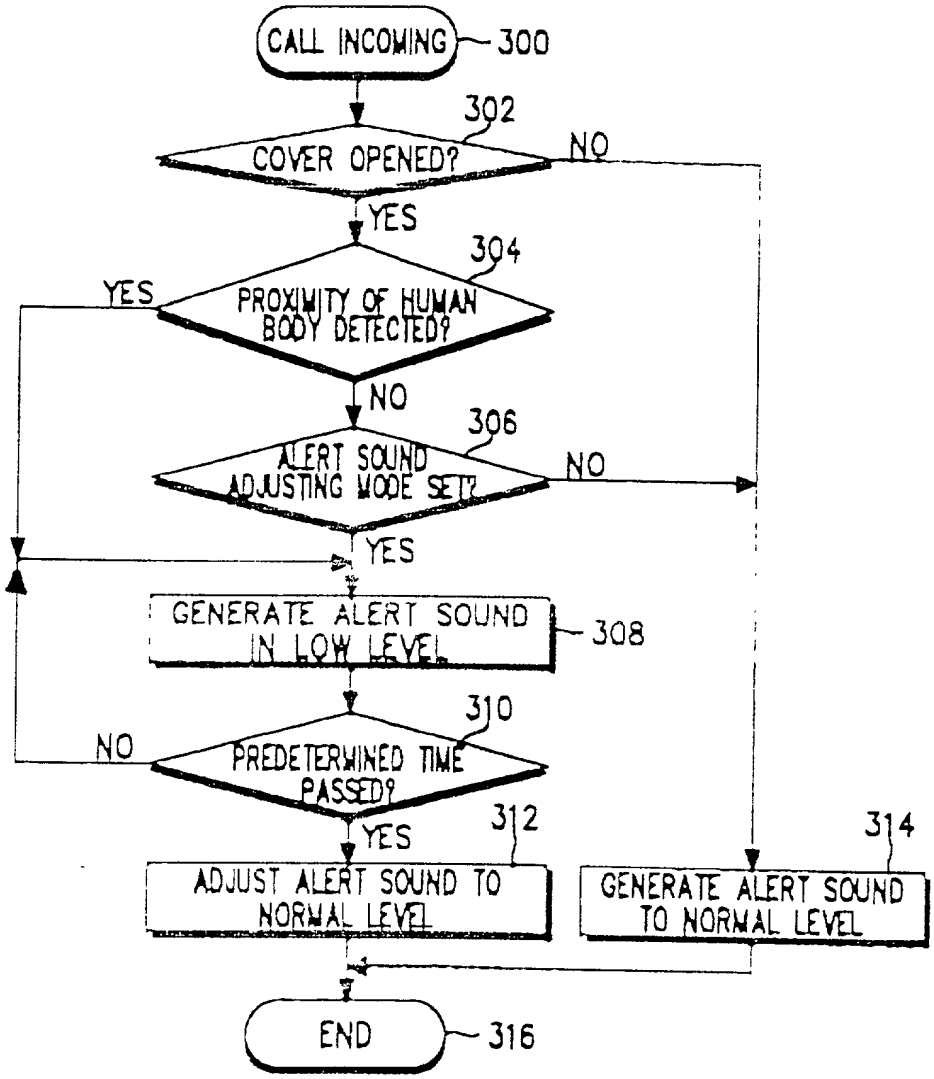
CALL INCOMING
300
302
COVER OPENED?
NO
YES
304
PROXIMITY OF HUMAN BODY DETECTED?
YES
NO
306
ALERT SOUND ADJUSTING MODE SET?
NO
YES
GENERATE ALERT SOUND IN LOW LEVEL
308
310
PREDETERMINED TIME PASSED?
NO
YES
312
ADJUST ALERT SOUND TO NORMAL LEVEL
314
GENERATE ALERT SOUND TO NORMAL LEVEL
END
316

FIG. 3